

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

F & L Aluminum Parts, Inc. 1720 N.W. 22nd Court, Unit #3 Pompano Beach, Florida 33069

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Aluminum Stands For Rooftop Equipments

APPROVAL DOCUMENT: Drawing No. FNL.13001, titled "Aluminum Stands for Rooftop Equipment Round Posts", sheets 1 through 3 of 3, prepared by Nu-Wind Engineering, dated August 02, 2013, signed and sealed by Christian Langley, P.E., on May 05, 2014, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each stand frame shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar**, **P.E.**, **M.S.**

(MIAMI-DADE COUNTY) APPROYED Hely A. Melo 05/15/2014

NOA No. 13-0321.06 Expiration Date: 05/15/2019 Approval Date: 05/15/2014

Page 1

F & L Aluminum Parts, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. FNL.13001, titled "Aluminum Stands for Rooftop Equipment Round Posts", sheets 1 through 3 of 3, prepared by Nu-Wind Engineering, dated August 02, 2013, signed and sealed by Christian Langley, P.E., on May 05, 2014.

B. TESTS

1. None.

C. CALCULATIONS

1. Calculation titled "Standard & Heavy Aluminum A/C Stands", dated March 11, 2013, sheets 1 through 37 of 37, prepared by Nu-Wind Engineering, signed and sealed by Christian Langley, P.E.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources (RER).

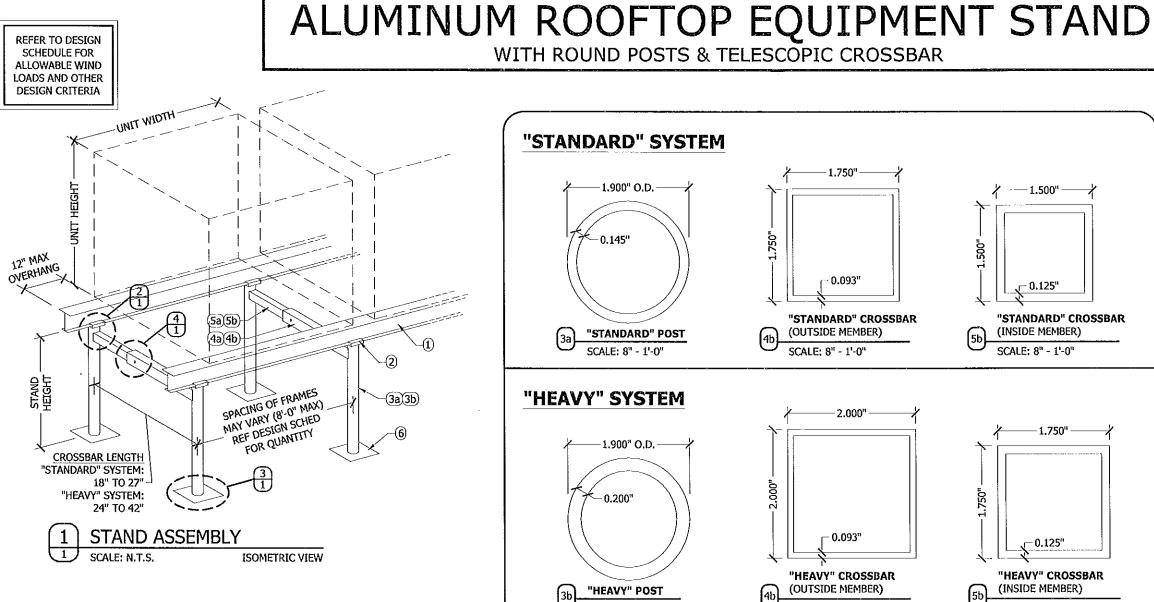
E. MATERIAL CERTIFICATIONS

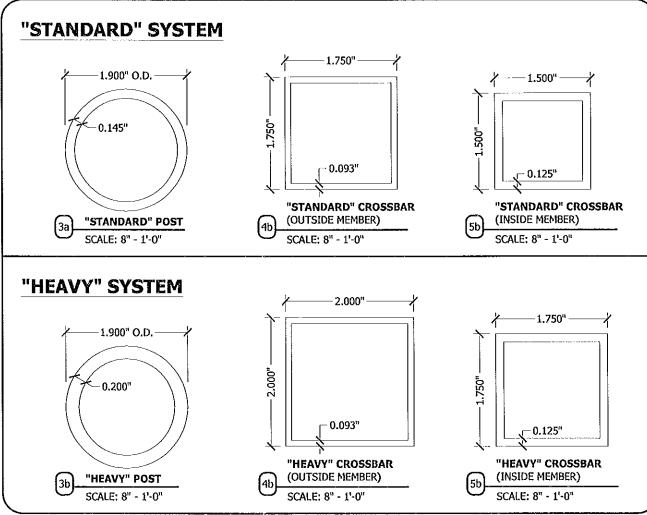
1. None.

Helmy A. Makar, P. E., M.S. Product Control Unit Supervisor

> Expiration Date: 05/15/2019 Approval Date: 05/15/2014

NOA No. 13-0321.06





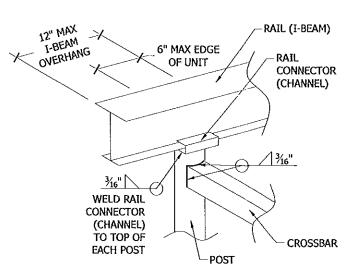
GENERAL NOTES

1. THIS SYSTEM HAS BEEN EVALUATED IN ACCORDANCE WITH THE 2010 FLORIDA BUILDING CODE, FOR USE WITHIN & OUTSIDE THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

2. SITE WIND PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED BY OTHERS ON A SITE-SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE USING ALLOWABLE STRESS DESIGN METHOD.

- 3. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE-SPECIFIC DOCUMENTS AND APPLY FOR ONE-TIME MIAMI-DADE NOA FOR USE IN CONJUNCTION WITH THIS APPROVAL.
- 4. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS (ASD) - REF "REACTION SCHEDULE".
- 5. ALL ALUMINUM EXTRUSIONS SHALL BE 6061-T6 ALLOY & TEMPER, UNLESS NOTED OTHERWISE. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWS REQUIREMENTS, USING FILLER ALLOYS 4043, 4047, 5183, 5356, OR 5556.

- 6. STANDS SHALL BE INSTALLED WITH MINIMUM CLEAR HEIGHT AS SPECIFIED IN THE ABOVE-NOTED BUILDING CODE. "STAND HEIGHT" AS USED HEREIN IS NOT NECESSARILY EQUIVALENT TO "STAND CLEAR HEIGHT" AS SPECIFIED IN THE BLDG CODE.
- 7. VIBRATION ISOLATOR PADS SHALL BE PROVIDED BY CONTRACTOR BETWEEN UNITS & STAND.
- 8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT FASTENING AS SHOWN HEREIN WILL NOT VOID THE EQUIPMENT MANUFACTURER'S WARRANTY, ESPECIALLY WHERE UNITS ARE INSTALLED WITH OVERHANG PAST RAIL (SEE TIE-DOWN DETAILS).
- 9. ALL BOLTS & WASHERS SHALL BE ZINC COATED STEEL, GALVANIZED STEEL, OR STAINLESS STEEL WITH A MINIMUM TENSILE YIELD STRENGTH OF 60 KSI.
- 10. PLASTIC COMPONENTS USED WITHIN THE HVHZ MUST MEET ALL APPLICABLE FIRE/SMOKE/UV PERFORMANCE REQUIREMENTS AS SET FORTH IN THE ABOVE-NOTED BUILDING CODE.
- 11. ANY STEEL IN CONTACT WITH ALUMINUM SHALL BE PAINTED OR PLATED AS PRESCRIBED IN THE ABOVE-NOTED BUILDING CODE.



STAND ASSEMBLY:

POST, CROSSBAR, & RAIL CONN

SCALE: N.T.S.

ISOMETRIC

POST & BASEPLATE

STAND ASSEMBLY: ISOMETRIC

Approved as complying with the

POST

Date 05/25/20/4 NOA# 13-03/11-06 Micmi Dade Product Control

Florida Building Cale

(4) ANCHORS PER

BASEPLATE - REF

FOR OPTIONS

ANCHOR SCHEDULE

REF BASEPLATE PART

DETAIL FOR ANCHOR

HOLE EDGE DISTANCE

BASEPLATE ANCHOR 0.250" MIN THICKNESS LOCATIONS SCALE: 3" - 1'-0" 18" TO 27" -**1 → 4" MIN T** INSIDE MEMBER OUTSIDE (1) 1/4-20 BOLT W/ MEMBER **NÚT & WASHERS** SYSTEM INSIDE TYPICAL: MEMBER $(1) \frac{1}{4} - 20$ **BOLT W/ OUTSIDE MEMBERS** NUT & WASHERS

C.A. #28511 POST LOCATION (CENTERED) W/ 4.400201 DRAWING NUMBER: FNL.13001 SHEET

CROSSBAR CONFIGS

TYP FRAME ELEVATION

0.090"

-0.125"

┌ 0.188°

∤~·1.375³ −

1/4-20 SET SCREW TO HOLD RAIL IN

(ANY HEAD STYLE: HEX, THUMB, ETC.)

POSITION AFTER INSTALLATION

,0.714"ر

RAIL CONNECTOR

OPTIONAL 1.9"

DIAM HOLE AT

CENTER

SCALE: 6" - 1'-0"

○★ 0.75"

- 3.50" MIN -----

0.75"

MIN

I-BEAM RAIL SCALE: 6" - 1'-0"

	TOTAL FRONT	MAX UNIT HEIGHT	MAX STAND HEIGHT	2 FRAMES		3 FRA	3 FRAMES		4 FRAMES		5 FRAMES		6 FRAMES		7 FRAMES		8 FRAMES		
	AREA			LATERAL	UPLIFT	LATERAL	UPLIFT	LATERAL	UPLIFT	LATERAL	UPLIFT	LATERAL	UPLIFT	LATERAL	UPLIFT	LATERAL	UPLIFT	MAX TOP AREA	
iges!			18°	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf		
	4 ft²	24"	24"	240 psf	116 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	8.92 FT ²	
			30"	195 psf	94 psf	250 psf	121 psf												
N)	6 ft²	28"	18"	206 psf	100 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf		
SY			24"	160 psf	77 psf	240 psf	116 psf	250 psf	121 psf	11.15 FT ²									
4 ,			30"	130 psf	63 psf	195 psf	94 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf		
	8 ft²	32"	18"	155 psf	75 psf	232 psf	112 psf	250 psf	121 psf										
AR			24"	120 psf	58 psf	180 psf	87 psf	240 psf	116 psf	250 psf	121 psf	13.38 FT ²							
			30"	98 psf	47 psf	146 psf	71 psf	195 psf	94 psf	244 psf	118 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf		
AND	10 ft²	36"	18"	124 psf	60 psf	177 psf	86 psf	221 psf	107 psf	250 psf	121 psf								
			24"	96 psf	46 psf	144 psf	70 psf	192 psf	93 psf	240 psf	116 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	14.86 FT ²	
ST			30"	78 psf	38 psf	117 psf	57 psf	156 psf	76 psf	195 psf	94 psf	234 psf	113 psf	250 psf	121 psf	250 psf	121 psf		
<u>.</u>	12 ft²	36°	18º	103 psf	50 psf	147 psf	71 psf	184 psf	89 psf	221 psf	107 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf		
			24"	80 psf	39 psf	120 psf	58 psf	160 psf	77 psf	200 psf	97 psf	240 psf	116 psf	250 psf	121 psf	250 psf	121 psf	17.83 FT ²	
			30"	65 psf	31 psf	98 psf	47 psf	130 psf	63 psf	163 psf	79 psf	195 psf	94 psf	228 psf	110 psf	250 psf	121 psf		
	16 ft²	36"	18"	77 psf	37 psf	111 psf	53 psf	138 psf	67 psf	166 psf	80 psf	193 psf	94 psf	221 psf	107 psf	249 psf	120 psf		
			24º	60 psf	29 psf	90 psf	44 psf	120 psf	58 psf	150 psf	73 psf	180 psf	87 psf	210 psf	102 psf	240 psf	116 psf		
\			30"	49 psf	24 psf	73 psf	35 psf	98 psf	47 psf	122 psf	59 psf	146 psf	71 psf	171 psf	83 psf	195 psf	94 psf		
\	20 ft²	36"	18"	62 psf	30 psf	93 psf	45 psf	124 psf	60 psf	155 psf	75 psf	177 psf	86 psf	199 psf	96 psf	221 psf	107 psf		
\			36"	24"	48 psf	23 psf	72 psf	35 psf	96 psf	46 psf	120 psf	58 psf	144 psf	70 psf	168 psf	81 psf	192 psf	93 psf	29.72 FT ²
\			30"	39 psf	19 psf	59 psf	28 psf	78 psf	38 psf	98 psf	47 psf	117 psf	57 psf	137 psf	66 psf	156 psf	76 psf		
\		42"	18"	49 psf	24 psf	74 psf	36 psf	91 psf	44 psf	106 psf	51 psf	121 psf	59 psf	136 psf	66 psf	152 psf	73 psf		
\	25 ft²		24"	38 psf	19 psf	58 psf	28 psf	77 psf	37 psf	96 psf	46 psf	115 psf	56 psf	134 psf	65 psf	152 psf	73 psf	31.58 FT ²	
\			30"	31 psf	15 psf	47 psf	23 psf	62 psf	30 psf	78 psf	38 psf	94 psf	45 psf	109 psf	53 psf	125 psf	60 psf		
\			18ª	41 psf	20 psf	55 psf	27 psf	66 psf	32 psf	77 psf	37 psf	88 psf	43 psf	99 psf	48 psf	111 psf	53 psf		
\	30 ft²	48"	24"	32 psf	15 psf	48 psf	23 psf	64 psf	31 psf	77 psf	37 psf	88 psf	43 psf	99 psf	48 psf	111 psf	53 psf	33.44 FT ²	
1			30"	26 psf	13 psf	39 psf	19 psf	52 psf	25 psf	65 psf	31 psf	78 psf	38 psf	91 psf	44 psf	104 psf	50 psf		

	TOTAL MAX		MAX	2 FRAMES 3 FRAMES			MES	4 FRAMES 5 FRAMES			6 FRAMES		7 FRAMES		8 FRAMES			
	AREA	UNIT HEIGHT	STAND HEIGHT	LATERAL	UPLIFT	LATERAL	UPLIFT	LATERAL	UPLIFT	LATERAL	UPLIFT	LATERAL	UPLIFT	LATERAL	UPLIFT	LATERAL	UPLIFT	MAX TOP AREA
No.			18"	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	
EM	4 ft²	24"	24"	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	11,42 FT ²
1273			30"	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	
SYST			18"	250 psf	121 psf	250 psf	12i psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	
7	6 ft²	28"	24"	204 psf	99 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	14.27 FT ²
			30"	167 psf	81 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	
K			18"	197 psf	95 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	
	8 ft²	32 ^u	24"	153 psf	74 psf	229 psf	111 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	17.13 FT ²
4			30"	125 psf	61 psf	188 psf	91 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	
H			18"	158 psf	76 psf	236 psf	114 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	
	10 ft²	36"	24"	122 psf	59 psf	184 psf	89 psf	245 psf	118 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	19.03 FT ²
]			30"	100 psf	48 psf	150 psf	73 psf	200 psf	97 psf	250 psf	121 psf							
			18 ^u	131 psf	64 psf	196 psf	95 psf	246 psf	119 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	
	12 ft²	36"	24"	102 psf	49 psf	153 psf	74 psf	204 psf	99 psf	250 psf	121 psf	22.81 FT ²						
			30"	84 psf	40 psf	125 psf	61 psf	167 psf	81 psf	209 psf	101 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	
			18"	98 psf	48 psf	147 psf	71 psf	184 psf	89 psf	221 psf	107 psf	250 psf	121 psf	250 psf	121 psf	250 psf	121 psf	
	16 ft²	36"	24"	76 psf	37 psf	115 psf	56 psf	153 psf	74 psf	191 psf	93 psf	229 psf	111 psf	250 psf	121 psf	250 psf	121 psf	30.44 FT ²
\			30"	63 psf	30 psf	94 psf -	45 psf	125 psf	61 psf	157 psf	76 psf	188 psf	91 psf	219 psf	106 psf	250 psf	121 psf	j
1			18"	79 psf	38 psf	118 psf	57 psf	158 psf	76 psf	197 psf	95 psf	236 psf	114 psf	250 psf	121 psf	250 psf	121 psf	
1	20 ft²	36"	24"	61 psf	30 psf	92 psf	44 psf	122 psf	59 psf	153 psf	74 psf	184 psf	89 psf	214 psf	104 psf	245 psf	118 psf	38.06 FT ²
\			30"	50 psf	24 psf	75 psf	36 psf	100 psf	48 psf	125 psf	61 psf	150 psf	73 psf	175 psf	85 psf	200 psf	97 psf	
\			18"	63 psf	30 psf	95 psf	46 psf	121 psf	59 psf	141 psf	68 psf	162 psf	78 psf	182 psf	88 psf	202 psf	98 psf	
\	25 ft²	42"	24"	49 psf	24 psf	73 psf	36 psf	98 psf	47 psf	122 psf	59 psf	147 psf	71 psf	171 psf	83 psf	196 psf	95 psf	40.43 FT ²
1			30"	40 psf	. 19 psf	60 psf	29 psf	80 psf	39 psf	100 psf	48 psf	120 psf	58 psf	140 psf	68 psf	160 psf	78 psf	
/		[18"	53 psf	25 psf	74 psf	36 psf	88 psf	43 psf	103 psf	50 psf	118 psf	57 psf	133 psf	64 psf	147 psf	71 psf	
/	30 ft²	48"	24"	41 psf	20 psf	61 psf	30 psf	82 psf	39 psf	102 psf	49 psf	118 psf	57 psf	133 psf	64 psf	147 psf	71 psf	42.81 FT ²
V			30"	33 psf	16 psf	50 psf	24 psf	67 psf	32 psf	84 psf	40 psf	100 psf	48 psf	117 psf	57 psf	134 psf	65 psf	

DESIGN SCHEDULE NOTES

- 1. DESIGN SCHEDULE GIVES MAXIMUM ALLOWABLE LATERAL & UPLIFT WIND LOADS FOR EACH COMBINATION OF TOTAL UNIT FRONTAL AREA, TOP AREA, STAND HEIGHT, AND NUMBER OF POST FRAMES PER STAND.
- 2. "TOTAL FRONT AREA" IS TOTAL FRONTAL AREA OF UNIT FACE PARALLEL TO I-BEAM RAIL (= TOTAL OF UNIT HEIGHT x UNIT WIDTH FOR ALL UNITS ON SINGLE STAND), AS DEPICTED HEREIN.
- 3. "MAX UNIT HEIGHT" GIVEN IN SCHEDULE SHALL NOT BE EXCEEDED.
- 4. "STAND HEIGHT" IS AS DEPICTED 5. "FRAMES" HERE DENOTES
- ASSEMBLAGE OF 2 POSTS WITH A CROSSBAR. 6. "MAX TOP AREA" IS TOTAL TOP AREA
- OF ALL UNITS ON A SINGLE STAND.

- 7. EACH UNIT SHALL HAVE A MAXIMUM WEIGHT OF 450 LBS.
- 8. SPACING BETWEEN UNITS MAY VARY (UNLIMITED).
- 9. REFÉRENCE ANCHOR SCHEDULE FOR ALLOWABLE ANCHORS AND INSTALLATION CRITERIA.
- 10. UNITS SHALL BE ATTACHED TO I-BEAMS PER "UNIT CONNECTION" DETAILS. NUMBER OF CONNECTIONS "Noonn" SHALL BE AS FOLLOWS:

TOTAL AREA < 20 SQ FT: Nconn = NUMBER OF FRAMES + 1

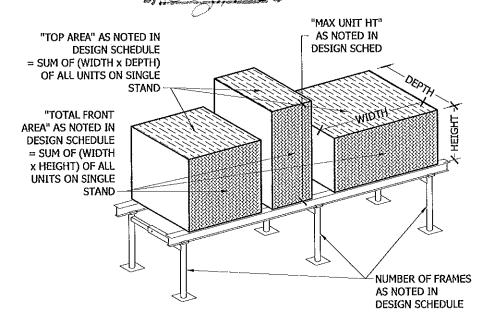
TOTAL AREA 20 SQ FT OR MORE: Nconn = NUMBER OF FRAMES + 2 NOTE: WHERE MORE THAN (4) CLIPPED UNIT CONNECTIONS (DTL 4/3, 5/3) ARE REQUIRED PER UNIT, ADDITIONAL CONNECTIONS SHALL BE STRAPS (DTL 6/3) OR DIRECT (DTL 7/3).

REACTION SCHEDULE

	"STAI	NDARD" SY	STEM	"HEAVY" SYSTEM					
STAND HEIGHT	REACTION AT BASE RX	REACTION AT BASE Ry	REACTION AT BASE M.base	REACTION AT BASE Rx	REACTION AT BASE Ry	REACTION AT BASE M.base			
18"	309 LB	528 LB	3.3 K-IN	394 LB	658 LB	4.2 K-IN			
24"	240 LB	531 LB	3.3 K-IN	306 LB	611 LB	4.2 K-IN			
30"	195 LB	496 LB	3.3 K-IN	251 LB	618 LB	4.2 K-IN			

Rx M.base

Approved as complying with the Piorida Building Code
Date 05 //5 /20/4 NOAN 12 a 371 o Mismi Dade Product Contro



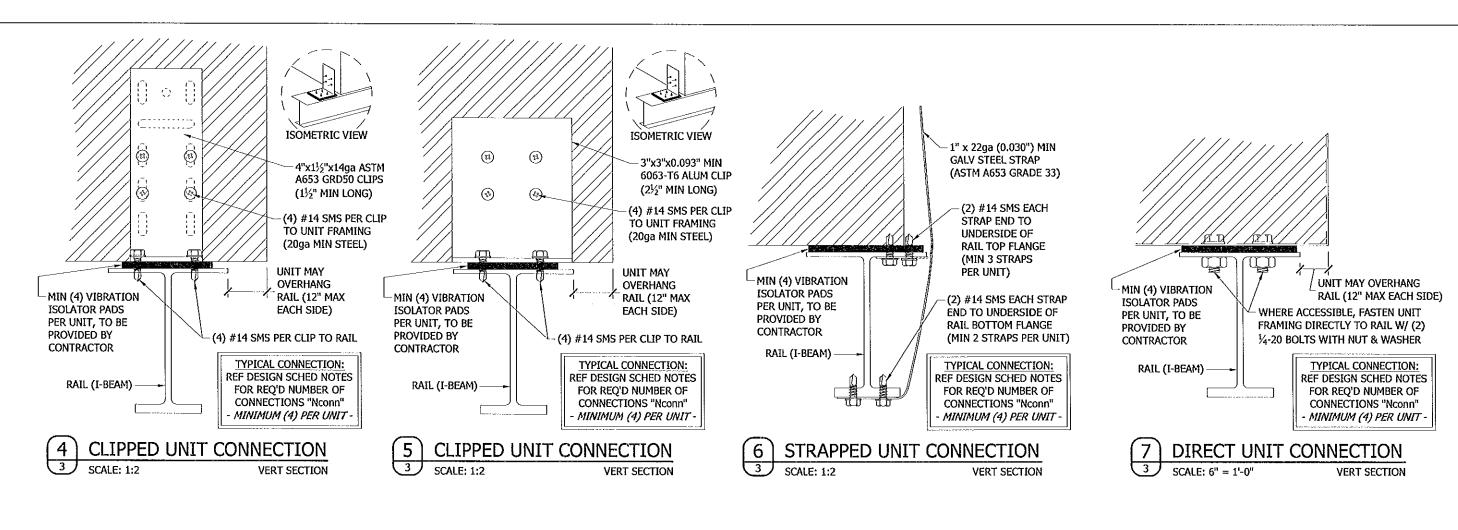
UNIT SIZES & CONFIGURATION (FOR USE WITH DESIGN SCHEDULES) SCALE: N.T.S. ISOMETRIC

1720 NW 22 CT, UNIT 3 POMPANO BEACH, FL 33069

アイドントイントンステス

DRAWING NUMBER: FNL.13001

SHEET



ANCHOR SCHEDULE:

TO CONCRETE (MIN 2,000 PSI) A. 3/8" POWERS WEDGE-BOLT

3½" MIN EMBED 4½" MIN EDGE DISTANCE

TO WOOD HOST STRUCTURE

B. 3/8" LAG SCREW 3½" MIN THREAD PENETRATION

TO STEEL (MIN 1/4" THICK) C. 3/4-16 SELF-THREADING METAL SCREWS (SAE GRADE 5) WITH 1" DIAM WASHER

ANCHOR NOTES:

1. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS, & LOCATED PER BASEPLATE COMPONENT DETAIL(S).

2. ENSURE MINIMUM EMBEDMENT, EDGE DISTANCE, & SPACING FOR ALL ANCHORS ARE IN ACCORDANCE WITH ANCHOR SCHEDULE.

3. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES SHEATHING, UNDERLAYMENT, INSULATION, AND OTHER ROOFING MATERIALS.

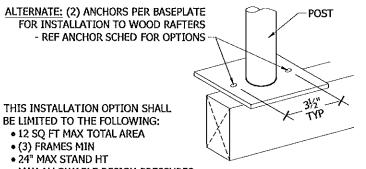
4. MINIMUM 3/4" EDGE DISTANCE IS CONSIDERED IN DESIGN FOR ALL ANCHORS TO WOOD HOST STRUCTURE (i.e. ANCHOR SHALL BE LOCATED IN CENTER OF TRUSS/RAFTER WHERE FASTENED TO NARROW FACE OF NOMINAL 2x LUMBER).

WOOD HOST STRUCTURE SHALL BE "SOUTHERN PINE" WITH G=0.55 OR GREATER SPECIFIC GRAVITY (≈ DENSITY).

WHERE HOST STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD (U.N.O.).

7. SELF-TAPPING OR SELF-THREADING METAL SCREWS SHALL BE INSTALLED WITH FULL THREAD ENGAGEMENT INTO METAL HOST STRUCTURE AND MAY HAVE A FLAT HEAD, PAN HEAD, TRUSS HEAD, OR OTHER HEAD STYLES.

FASTENERS THAT INCORPORATE MACHINE SCREWS SHALL HAVE MINIMUM OF 1/2" ENGAGEMENT OF THREADS IN BASE ANCHOR AND MAY HAVE ANY HEAD STYLE, UNLESS INDICATED OTHERWISE BY MFR.



• MAX ALLOWABLE DESIGN PRESSURES:

•• "STANDARD" SYSTEM: 106.4 PSF LATERAL / 51.5 PSF UPLIFT 108.0 PSF LATERAL / 52.2 PSF UPLIFT

ALT: DIRECT RAFTER/JOIST

BASEPLATE ANCHORÁGE SCALE: N.T.S. ISOMETRIC

Approved as complying with the Florida Building Gode Date 05/15/20

BASEPLATE CONNECT PLATES TO SANDWICH **ROOF JOIST WITH** (4) 3/8" THREADED RÓDŠ PER POST WITH NUTS & ROOF DECKING WASHERS **EXISTING RAFTER**

> ALT: SUB-RAFTER/SUB-JOIST **BASEPLATE ANCHORAGE**

OR JOIST (WOOD, かんくく マンドマング STEEL, ETC.) 5"x5"x¾" ALUMINUM PLATE BELOW JOIST SCALE: N.T.S.

CV #58211

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PARTS, Inc 1720 NW 22 CT, UNIT 3 POMPANO BEACH, FL 33069 ALUMINUM ಶ

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